FORM PTO		MERCE PATENT AND TRADEMARK OFFICE	ATTORNEY 'S DOCKET NUMBER								
TRANSMITTAL LETTER TO THE UNITED STATES			594-25595-PCT-US								
DESIGNATED/ELECTED OFFICE (DO/EO/US)			U.S. APPLICATION NO. (If known, see 37 CFR 1.5								
		IG UNDER 35 U.S.C. 371	Filed Consumently 1 1 / 1								
	NATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED								
	IS03/34209	28 October 2003	28 October 2003								
TITLE	OF INVENTION	DD ESTIMATING DODOSITY AND SATI	IDATION IN A SUBSUIDEACE								
APPLI	CANT(S) FOR DO/EO/US	OR ESTIMATING POROSITY AND SATU	DRATION IN A SUBSURFACE								
Ran BACHRACH											
	Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:										
1. X	This is a <b>FIRST</b> submission of items	concerning a filing under 35 U.S.C. 371.									
2.	This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.										
3.	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.										
4. 📙		ration of 19 months from the priority date (A	article 31).								
5. X	A copy of the International Application as filed (35 U.S.C. 371(c)(2))										
	<ul> <li>a. X is attached hereto (required only if not communicated by the International Bureau).</li> <li>b.  has been communicated by the International Bureau.</li> </ul>										
		cation was filed in the United States Receivi	ng Office (RO/US).								
6. 🗌		ne International Application as filed (35 U.S.	-								
	a. is attached hereto.										
	b.  has been previously submit	tted under 35 U.S.C. 154(d)(4).									
7. 🗌	Amendments to the claims of the Int	ernational Aplication under PCT Article 19 (	(35 U.S.C. 371(c)(3))								
	a. are attached hereto (required only if not communicated by the International Bureau).										
	b. have been communicated by the International Bureau.										
	c. have not been made; howe	ver, the time limit for making such amendme	ents has NOT expired.								
_		d. have not been made and will not be made.									
8.	An English language translation of the	ne amendments to the claims under PCT Arti	cle 19 (35 U.S.C. 371 (c)(3)).								
9. <b>X</b>	An oath or declaration of the invento	or(s) (35 U.S.C. 371(c)(4)). (Copy of unexe	cuted document)								
10.	An English lanugage translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).										
Iten	ns 11 to 20 below concern documen	t(s) or information included:									
11.	An Information Disclosure Stateme	ent under 37 CFR 1.97 and 1.98.									
12.	An assignment document for recor	ding. A separate cover sheet in compliance	with 37 CFR 3.28 and 3.31 is included.								
13.	A FIRST preliminary amendment.										
14.	A SECOND or SUBSEQUENT preliminary amendment.										
15.	A substitute specification.										
16.	A change of power of attorney and	/or address letter.									
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.										
18.	A second copy of the published in	ternational application under 35 U.S.C. 154(d	1)(4).								
19. 🗌	A second copy of the English lang	uage translation of the international applicati	on under 35 U.S.C. 154(d)(4).								
20.	Other items or information:										
			•								

DT01 Rec'd PCT/PTO 1 5 OCT 2004

U.S. APPLICATION NO. CT. ON CORP. 19 JUNEAU APPLICATION NO. PCT/US03/34209					ATTORNEY'S DOCKET NUMBER 594-25595-PCT-US		
Filed Concurrently		01/0303/34203		CAL		PTO USE ONLY	
_	ring fees are submitted:  FEE (37 CFR 1.492 (a)	(1) - (5)):		<u> </u>			
Neither internation	al preliminary examinati	ion fee (37 CFR 1.482)		İ			
nor international se	earch fee (37 CFR 1.445)	(a)(2)) paid to USPTO ed by the EPO or JPO	\$1040.00				
International prelin USPTO but Interna	ninary examination fee (3 ational Search Report pr	37 CFR 1.482) not paid to epared by the EPO or JPC	) <b>\$890.00</b>				
International prelim but international se	ninary examination fee (2 arch fee (37 CFR 1.445(	37 CFR 1.482) not paid to a)(2)) paid to USPTO	USPTO \$740.00				
International prelim	ninary examination fee (	37 CFR 1.482) paid to US CT Article 33(1)-(4)	SPTO \$710.00				
International prelin	ninary examination fee (	37 CFR 1.482) paid to US	SPTO				
ENTE	R APPROPRIATE	BASIC FEE AMO	UNT =	\$ 89	0.00		
	0 for furnishing the oath liest claimed priority dat	or declaration later than te (37 CFR 1.492(e)).	20 30	\$			
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$			
Total claims	20 - 20 =	0	x \$18.00	\$			
Independent claims	3 - 3 =	0	x \$84.00	\$			
MULTIPLE DEPEN	DENT CLAIM(S) (if ap	oplicable)	+ \$280.00	\$			
		OF ABOVE CALCU		\$ 89	0.00		
Applicant claim are reduced by	ns small entity status. Se 1/2.	indicated above +	\$				
	SUBTOTAL =						
Processing fee of \$1 months from the ear	30.00 for furnishing the liest claimed priority dat	English translation later the (37 CFR 1.492(f)).	nan 20 30	\$	•		
		TOTAL NATIO	NAL FEE =	\$ 89	0.00		
Fee for recording the accompanied by an a	e enclosed assignment (3 appropriate cover sheet (	37 CFR 1.21(h)). The assi 37 CFR 3.28, 3.31). \$40.	gnment must be 00 per property +	\$			
		TOTAL FEES E	NCLOSED =	\$ 89	0.00		
					unt to be refunded:	\$	
					charged:	\$	
b. X Please char A duplicate c. X The Comm overpayme d. Fees are to	e copy of this sheet is end dissioner is hereby author ant to Deposit Account N be charged to a credit c	No. <u>50-1720</u> in	onal fees which may b tate copy of this sheet ation on this form ma	0.00 e requ is enc	ired, or credit losed.	t any Credit card	
		under 37 CFR 1.494 or d to restore the applicati			petition to re	vive (37 CFR	
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WesternGeco Intellectual Prope	erty Department	RE					
P.O. Box 2469 Houston, Texas 7	7252-2469		Jeffrey E NAME	=. Gryr	<u> </u>		
			36,534				
			REGISTR	ATION	NUMBER		

United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Vinginia 22313-1450 www.uspto.gov

APPLICATION NUMBER PATENT NUMBER GROUP ART UNIT FILE WRAPPER LOCATION

10/511,713

50C0

## Change of Address/Power of Attorney

## The following fields have been set to Customer Number 28116 on 01/18/2005

- Correspondence Address
- Power of Attorney
- Maintenance Fee Address

The address of record for Customer Number 28116 is: WESTERNGECO L.L.C. 10001 RICHMOND AVENUE (P.O. BOX 2469, HOUSTON, TX 77252-2469, U.S.A.) HOUSTON, TX 77042

The Practitioners of record for Customer Number 28116 are:

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